

Post your job online at

[mycareer.niagaracollege.ca](http://mycareer.niagaracollege.ca)

Ask for more details about the **Co-operative Education Tax Credit** (up to \$3,000!)

## Mechanical Engineering Technology (Co-op)



Four year program curriculum focused on design, development, maintenance and testing of machines, components, tools and manufacturing plants and equipment

• **Student competencies:**

- Design and specify computer aided/integrated manufacturing systems, robotic systems and associated controls
- Plan and evaluate layouts of automated industrial/robotic systems
- Develop and implement maintenance, quality or energy management programs. Design and prepare drawings, specifications and technical documentation of manufacturing machine components
- Prepare graphics, specifications and technical documentation which include 3-D models and finite element analysis
- Design, analyze and specify hydraulic and pneumatic components, circuits, systems and controls

**Co-op students have enhanced organizations in the following positions:**

- Parametric solids modeling
- Rapid prototyping
- Offline robot programming applications
- Design and analysis software
- CNC and PLC offline programming software

Student Work Schedule			
Year	Fall	Winter	Summer
1	college	college	
2	college	work	work
3	college	college	work
4	work	college	

Allow [Niagara College](http://Niagara College) to assist you with the [recruitment of students](#) that are eager to [learn and contribute](#) to the success of your business!



For more information about hiring a student, please contact:

**CAREER SERVICES**

Niagara College – Welland Campus

Phone: 905-735-2211 x7777 Email: [nccareerservices@niagaracollege.ca](mailto:nccareerservices@niagaracollege.ca)